Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 22 Oct 2023 until 23:59 on Monday 23 Oct 2023

Forecast Issued on Sunday 22 Oct 2023 at 04:11

Confidence: High confidence in more settled conditions on Sunday and Monday, and then a return to wet and windy conditions from Monday night onwards, although much lower confidence in details from this point.

Headline for Sunday 22 Oct 2023: A cloudy start to Sunday. Light showers feed in from the west during the morning, dry through the afternoon with some sunny spells.

Mountain weather hazards on Sunday 22 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain showers	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
20%	30%	20%	20%	10%	10%

Forecast for Sunday 22 Oct 2023

Weather: Cloud continues pushing in from the west through the morning, with the odd light shower at times. Cloud lifting and breaking up by lunchtime with sunny spells developing through the afternoon as showers ease off. Clear spells continuing into the evening may see misty patches begin to develop.

Chance of cloud-free hill tops above 600m: 80% early morning, rising to 100% into afternoon.

Low cloud and visibility: Cloud pushing in from the west mainly broken/scattered amounts of stratocumulus, with bases occasionally down to around 500-600 m through the early morning, lifting above summits by the afternoon. Visibility generally very good, falling to poor at times in any showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Sunday 22 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/16 SW	13/16 SW	14/19 W	12/16 W	7/9 S	9/11 S	10/12 S
300	9/15 SW	10/13 SW	11/16 W	7/11 W	5/7 S	5/8 SE	5/8 SE
Valley	3/11 SW	5/11 SW	8/14 SW	6/12 W	3/5 SE	5/8 E	5/9 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-0	5/0	6/3	7/4	6/4	6/4	7/4
300	6/3	7/4	9/7	10/9	9/8	8/7	8/7
Valley	6/6	7/6	10/9	11/10	8/8	8/6	8/6
Freezing Level*	1300m	1300m	1300m	1400m	1500m	1500m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Recent heavy rainfall likely to continue to have an effect on walking conditions, with saturated ground in places and some smaller watercourses possibly in spate. Note wind chill on higher slopes early.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 22 Oct 2023	N/A	N/A	N/A

Forecast for Monday 23 Oct 2023

Weather: Extensive mist and fog possible early on Monday, which could be slow to clear through the day. Some clearer, brighter spells possible through the afternoon, before cloud thickening and lowering into the evening ahead of a band of rain pushing up from the south.

Maximum wind: Easterly winds around 15-20 mph, with gusts up to 30 mph.

Chance of cloud-free hill tops above 600m: 30% through morning, rising to 80% through afternoon.

Low cloud and visibility: Mist and fog could be slow to clear, giving poor visibility across some hills and valleys. Aside from this, cloud generally staying comfortably above the summits through the daylight hours.

Temperature: **Valleys:** Plus 6 Celsius, rising to Plus 11 Celsius.
At 600m: Plus 6 Celsius, rising to Plus 8 Celsius.
Freezing level: Above summits.

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